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Map symbol and soil name	Pct. of map unit	streets		Shallow excavati	Shallow excavations		ping
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
1A: Bowbells	85	Very limited Frost action Low strength	1.00	Somewhat limited Depth to saturated zone Cutbanks cave	0.47	Not limited	
2: Grail	85	Shrink-swell Very limited Shrink-swell Low strength Frost action	1.00 1.00 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
4: Grassna	85	Very limited Low strength Frost action	1.00	Somewhat limited Depth to saturated zone Cutbanks cave	0.47	Not limited	
5: Williams	45	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Noonan	30	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Depth to saturated zone Cutbanks cave	0.47	Not limited	
7A: Hamerly	85	Very limited Frost action Low strength	1.00	Very limited Depth to saturated zone Cutbanks cave	1.00	Not limited	
7B: Hamerly	90	Shrink-swell Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Not limited	
9C: Seroco	90	Low strength Shrink-swell Not limited	0.78	Cutbanks cave Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.58

Map symbol and soil name	Pct. of map unit	Local roads and streets			ons	Lawns and landsca	ping
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
9E: Seroco	45	Very limited Slope	1.00	Very limited Cutbanks cave Slope	1.00	Very limited Slope Droughty	1.00
Dune Land	35	Not rated		Not rated		Not rated	
10: Capa	85	Very limited Shrink-swell Low strength	1.00	Very limited Too clayey Depth to saturated zone Cutbanks cave	1.00 0.47 0.10	Very limited Sodium content	1.00
11: Capa	50	Very limited Shrink-swell Low strength	1.00	Very limited Too clayey Depth to saturated zone Cutbanks cave	1.00 0.47 0.10	Very limited Sodium content	1.00
Slickspots, Dry	35	Not rated		Not rated		Not rated	
13A: Tally	90	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
13B: Tally	85	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
Tonka	3	Very limited Depth to saturated zone Frost action Low strength Shrink-swell Ponding	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Ponding Cutbanks cave	1.00	Very limited Depth to saturated zone Ponding	1.00

Map symbol and soil name	Pct. of map unit	streets			ons	Lawns and landsca	aping
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
13C: Tally	85	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
15: Harriet	90	Very limited Depth to saturated zone Frost action	1.00	Very limited Depth to saturated zone Flooding	1.00	Very limited Sodium content Depth to saturated zone	1.00
16.		Flooding Low strength Shrink-swell	1.00 1.00 0.50	Cutbanks cave Too clayey	0.10	Flooding	0.60
16: Egas	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Flooding	1.00
		Flooding Low strength Shrink-swell Depth to saturated zone	1.00 1.00 1.00	Flooding Cutbanks cave Too clayey	0.80	Salinity Depth to saturated zone	1.00
17: Hecla	85	Somewhat limited Frost action	0.50	Very limited Cutbanks cave Depth to saturated zone	1.00	Somewhat limited Droughty	0.04
18: Parshall	85	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
19: Heil	95	Very limited Depth to saturated zone Shrink-swell Low strength Ponding Frost action	1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Cutbanks cave Ponding Too clayey	1.00 1.00 1.00 0.72	Very limited Depth to saturated zone Ponding	1.00

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Map symbol and soil name	Pct. of map unit	Local roads and streets	streets		ons	Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
20D: Sully	85	Very limited Slope Low strength Frost action	1.00 0.78 0.50	Very limited Slope Cutbanks cave	1.00	Very limited Slope	1.00
21A: Linton	40	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Grassna	35	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.47	Not limited	
		Frost action	0.50	Cutbanks cave	0.10		
21B: Linton	85	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
21C: Linton	50	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Sutley	35	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
21D: Sully	45	Very limited Slope Low strength Frost action	1.00 0.78 0.50	Very limited Slope Cutbanks cave	1.00	Very limited Slope	1.00
Zahl	40	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope Cutbanks cave	1.00	Very limited Slope	1.00
22B: Linton	45	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Sutley	30	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
22C: Linton	85	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	

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Map symbol and soil name	Pct. of map unit	Local roads and streets	Local roads and streets		ons	Lawns and landsca	ping
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
24A: Yecross	85	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.17
24C: Yecross	85	Somewhat limited Slope	0.37	Very limited Cutbanks cave Slope	1.00	Somewhat limited Slope Droughty	0.37
27B: Maddock	90	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.04
27C: Maddock	85	Somewhat limited Slope	0.37	Very limited Cutbanks cave Slope	1.00	Somewhat limited Slope Droughty	0.37
28: Wyndmere	90	Very limited Frost action	1.00	Very limited Cutbanks cave Depth to saturated zone	1.00	Not limited	
29: Vallers	85	Very limited Frost action Low strength Depth to saturated zone Shrink-swell Flooding	1.00 1.00 1.00 0.50 0.40	Very limited Depth to saturated zone Cutbanks cave	1.00	Very limited Depth to saturated zone	1.00
30: Parnell	90	Very limited Shrink-swell Ponding Depth to saturated zone Frost action Low strength	1.00 1.00 1.00 1.00	Very limited Ponding Depth to saturated zone Too clayey Cutbanks cave	1.00 1.00 0.28 0.10	Very limited Ponding Depth to saturated zone	1.00
31E: Lihen	85	Very limited Slope	1.00	Very limited Cutbanks cave Slope	1.00	Very limited Slope Droughty	1.00

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Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavati	ons	Lawns and landsca	ping
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
32F: Flasher	90	Very limited Slope Depth to soft	1.00	Very limited Depth to soft bedrock Slope	1.00	Very limited Depth to bedrock Slope	1.00
		bedrock		Cutbanks cave	0.10	Droughty	1.00
34A: Bowdle	85	Not limited		Very limited Cutbanks cave	1.00	Not limited	
34B: Bowdle	85	Not limited		Very limited Cutbanks cave	1.00	Not limited	
36B: Lehr	55	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.07
Wabek	35	Not limited		Somewhat limited Cutbanks cave	0.10	Somewhat limited Droughty	0.78
Bowbells	4	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
38: Parnell	90	Very limited Shrink-swell Ponding	1.00	Very limited Ponding Depth to saturated zone	1.00	Very limited Ponding Depth to saturated zone	1.00
		Depth to saturated zone Frost action Low strength	1.00 1.00 1.00	Too clayey Cutbanks cave	0.28		
39E: Sansarc	50	Very limited Shrink-swell	1.00	Very limited Depth to soft bedrock	1.00	Very limited Too clayey	1.00
		Slope Depth to soft bedrock	1.00	Slope Too clayey	1.00	Depth to bedrock Slope	1.00
		Low strength	1.00	Cutbanks cave	0.10	Droughty	1.00

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Map symbol and soil name	Pct. of map unit	Local roads and streets	Local roads and streets		ons	Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Opal	35	Very limited Shrink-swell Slope Low strength	1.00	Very limited Slope Cutbanks cave Too clayey Depth to soft bedrock	1.00 1.00 0.88 0.42	Very limited Too clayey Slope Depth to bedrock Droughty	1.00 1.00 0.42 0.20
40B: Opal	90	Very limited Shrink-swell Low strength	1.00	Very limited Cutbanks cave Too clayey Depth to soft bedrock	1.00 0.88 0.42	Depth to bedrock	1.00 0.42 0.20
40C: Opal	85	Very limited Shrink-swell Low strength	1.00	Very limited Cutbanks cave Too clayey Depth to soft bedrock	1.00 0.88 0.42	Depth to bedrock	1.00 0.42 0.20
40D: Opal	55	Very limited Shrink-swell Low strength Slope	1.00 1.00 0.63	Very limited Cutbanks cave Too clayey Slope Depth to soft bedrock	1.00 0.88 0.63 0.42		1.00 0.63 0.42 0.20
Sansarc	30	Very limited Shrink-swell Depth to soft bedrock	1.00	Very limited Depth to soft bedrock Too clayey Slope	1.00	Depth to bedrock	1.00
41A:		Low strength Slope	0.37	Cutbanks cave	0.10	Droughty Slope	0.37
Promise	85	Very limited Shrink-swell Low strength	1.00	Very limited Too clayey Cutbanks cave	1.00	Very limited Too clayey	1.00
41B: Promise	90	Very limited Shrink-swell Low strength	1.00	Very limited Too clayey Cutbanks cave	1.00	Very limited Too clayey	1.00

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Map symbol and soil name	Pct. of map unit	Local roads and streets	Local roads and streets		ons	Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
41C: Promise	55	Very limited Shrink-swell Low strength	1.00	Very limited Too clayey Cutbanks cave	1.00	Very limited Too clayey	1.00
Opal	35	Very limited Shrink-swell Low strength	1.00	Very limited Cutbanks cave Too clayey Depth to soft bedrock	1.00 0.88 0.42	Very limited Too clayey Depth to bedrock Droughty	1.00 0.42 0.20
51: Tonka	85	Very limited Depth to saturated zone Frost action Low strength Shrink-swell Ponding	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Ponding Cutbanks cave	1.00	Very limited Depth to saturated zone Ponding	1.00
52A: Lehr	90	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.07
52B: Lehr	85	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.07
53D: Wabek	50	Somewhat limited Slope	0.37	Somewhat limited Slope Cutbanks cave	0.37	Somewhat limited Droughty Slope	0.78
Lehr	40	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.07
53E: Wabek	85	Very limited Slope	1.00	Very limited Slope Cutbanks cave	1.00	Very limited Slope Droughty	1.00
54: Divide	85	Somewhat limited Frost action	0.50	Very limited Cutbanks cave Depth to saturated zone	1.00	Not limited	

Map symbol and soil name	Pct. of map unit	Local roads an streets	d	Shallow excavati	ons	Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
56: Regan	85	Very limited Frost action Flooding	1.00	Very limited Depth to saturated zone Flooding	1.00	Very limited Flooding Depth to	1.00
		Depth to saturated zone Low strength Shrink-swell	1.00 1.00 0.50	Cutbanks cave	0.10	saturated zone	
57A: Williams	50	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Bowbells	35	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Somewhat limited Depth to saturated zone Cutbanks cave	0.47	Not limited	
57B: Williams	50	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Bowbells	35	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
57C: Williams	50	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Vida	35	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Somewhat limited Content of large stones	0.01

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Map symbol and soil name	Pct. Local roads and of streets map unit		d	Shallow excavati	ons	Lawns and landsca	ping
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
58B: Williams	50	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Vida	35	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Somewhat limited Content of large stones	0.01
59D: Vida	55	Very limited Low strength Slope	1.00	Somewhat limited Slope Cutbanks cave	0.63	Somewhat limited Slope Content of large stones	0.63
Zahl	35	Shrink-swell Frost action Very limited Low strength Slope Shrink-swell Frost action	0.50 0.50 1.00 0.63 0.50 0.50	Somewhat limited Slope Cutbanks cave	0.63	Somewhat limited Slope	0.63
61E: Zahl	45	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope Cutbanks cave	1.00	Very limited Slope	1.00
Vida	40	Slope Low strength Shrink-swell	1.00	Very limited Slope Cutbanks cave	1.00	Very limited Slope Content of large stones	1.00
62: Vida	85	Frost action Very limited Low strength Shrink-swell Frost action Slope	1.00 0.50 0.50 0.04	Somewhat limited Cutbanks cave Slope	0.10	Somewhat limited Slope Content of large stones	0.04

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Map symbol and soil name	Pct. of map unit	Local roads and streets	d	Shallow excavati	ons	Lawns and landsca	ping
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
65B: Bryant	55	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Sutley	30	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
65C: Bryant	45	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Sutley	40	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
65D: Sutley	45	Somewhat limited Slope Frost action	0.63	Somewhat limited Slope Cutbanks cave	0.63	Somewhat limited Slope	0.63
Linton	40	Somewhat limited Slope Frost action	0.63	Somewhat limited Slope Cutbanks cave	0.63	Somewhat limited Slope	0.63
66: Arveson	85	Very limited Frost action Depth to saturated zone	1.00	Very limited Depth to saturated zone Cutbanks cave	1.00	Very limited Depth to saturated zone	1.00
67A: Farnuf	85	Flooding Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
67B: Farnuf	85	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	

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Map symbol and soil name	Pct. of map unit	Local roads an streets	Local roads and streets		ons	Lawns and landsca	ping
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
68A: Bryant	45	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Grassna	40	Very limited Low strength Frost action	1.00	Somewhat limited Depth to saturated zone Cutbanks cave	0.47	Not limited	
68B: Bryant	90	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
68C: Bryant	85	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
71: Ranslo	55	Very limited Frost action Flooding Shrink-swell Low strength Depth to saturated zone	1.00 1.00 1.00 1.00 0.19	Very limited Depth to saturated zone Flooding Cutbanks cave	1.00	Very limited Sodium content Flooding Depth to saturated zone	1.00
Harriet	30	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Flooding Cutbanks cave Too clayey	1.00 0.60 0.10 0.03	Very limited Sodium content Depth to saturated zone Flooding	1.00
72: Straw	85	Very limited Flooding Frost action	1.00	Somewhat limited Flooding Cutbanks cave	0.60	Somewhat limited Flooding	0.60

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
74A: Savage	85	Very limited Low strength Shrink-swell	1.00	Somewhat limited Cutbanks cave	0.10	Not limited	
74B: Savage	90	Very limited Low strength Shrink-swell	1.00	Somewhat limited Cutbanks cave	0.10	Not limited	
77: Orthents, Gravelly	99	Very limited Slope	1.00	Very limited Cutbanks cave Slope	1.00	Very limited Slope Droughty Gravel content	1.00 0.42 0.25
80: Ranslo	90	Very limited Frost action Flooding Shrink-swell Low strength Depth to saturated zone	1.00 1.00 1.00 1.00 0.19	Very limited Depth to saturated zone Flooding Cutbanks cave	1.00 0.60 0.10	Very limited Sodium content Flooding Depth to saturated zone	1.00
W: Water	100	Not rated		Not rated		Not rated	